

Searching by Document Number

** Result [Patent] ** Format (P805) 22.Aug.2003 1/ 1

Application no/date: 1990-229935[1990/08/31]
 Date of request for examination: []
 Public disclosure no/date: 1992-112085[1992/04/14]
 Examined publication no/date (old law): []
 Registration no/date: []
 Examined publication date (present law): []
 PCT application no []
 PCT publication no/date []
 Applicant: FUJI PHOTO FILM CO LTD
 Inventor: USUI HIDEO
 IPC: B41M 5/30
 FI: B41M 5/26 J
 F-term: 2H111AA01,AA27,AA33,AA47,BA03,BA08,BA09,BA15,BA39,BA47,BA48,BA49,
 BA53,BA55,BA61,BA63,BA76,BB06
 Expanded classification: 294,447
 Fixed keyword: R002,R042,R124,R125,R138
 Citation:
 Title of invention: THERMAL TRANSFER DYE DONATING MATERIAL
 Abstract:

PURPOSE: To improve the fusion at the time of thermal transfer by constituting a dye layer of a dye, a binder and a silicone type compound and controlling the coating amount per a unit area of the silicone type compound so as to increase the same toward a color part becoming later in a transfer order.

CONSTITUTION: A thermal transfer dye donating material is formed by providing a plurality of dye donating layers to one surface of a support and the dye donating layer contains a dye, a binder and a silicone type compound and the coating amount per a unit area of the silicone type compound is increased toward a color part becoming later in a transfer order. For example, in such a case that transfer is carried out in the order of yellow → magenta → cyan, the addition amount of the silicone type compound is set to the relation of cyan dye donating layer > magenta dye donating layer > yellow dye donating layer. When the addition amount of the silicone type compound is increased so as to become 1.1-3 times (wt. basis) that of the silicone type compound of the dye donating layer transferred immediately before,

a good results can be obtained. As the silicone type compound to be used, unmodified or modified silicone oil or a solid silicone polymer soluble in an org. solvent such as toluene is used.

COPYRIGHT: (C)1992,JPO&Japio

PatentWeb
HomeEdit
SearchReturn to
Patent List

Help

☐ Include in patent order**MicroPatent® Worldwide PatSearch:** Record 1 of 1

[no drawing available]

Family Lookup**JP04112085****THERMAL TRANSFER DYE DONATING MATERIAL**

FUJI PHOTO FILM CO LTD

Inventor(s): ;USUI HIDEO**Application No.** 02229935 , **Filed** 19900831 , **Published** 19920414**Abstract:**

PURPOSE: To improve the fusion at the time of thermal transfer by constituting a dye layer of a dye, a binder and a silicone type compound and controlling the coating amount per a unit area of the silicone type compound so as to increase the same toward a color part becoming later in a transfer order.

CONSTITUTION: A thermal transfer dye donating material is formed by providing a plurality of dye donating layers to one surface of a support and the dye donating layer contains a dye, a binder and a silicone type compound and the coating amount per a unit area of the silicone type compound is increased toward a color part becoming later in a transfer order. For example, in such a case that transfer is carried out in the order of yellow → magenta → cyan, the addition amount of the silicone type compound is set to the relation of cyan dye donating layer > magenta dye donating layer > yellow dye donating layer. When the addition amount of the silicone type compound is increased so as to become 1.1-3 times (wt. basis) that of the silicone type compound of the dye donating layer transferred immediately before, a good results can be obtained. As the silicone type compound to be used, unmodified or modified silicone oil or a solid silicone polymer soluble in an org. solvent such as toluene is used.

COPYRIGHT: (C)1992,JPO&Japio**Int'l Class:** B41M00530**MicroPatent Reference Number:** 001336283**COPYRIGHT:** (C) JPOPatentWeb
HomeEdit
SearchReturn to
Patent List

Help

For further information, please contact: